

U.S. Patent Application Serial No.: 09/649,594  
Amendment Under 37 C.F.R. §1.111 dated August 16, 2004  
Response to the Office Action of May 14, 2004

## **IN THE CLAIMS**

### **Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims**

Claim 1 (Currently Amended): A video recording/reproducing apparatus with tuner, comprising:

a tuner for inputting a plurality of channels of radio frequency television signals ~~on a plurality of channels~~ and outputting a base-band television signal of ~~any one of the channels~~ a designated channel;

a modulator for modulating the base-band television signal outputted from said tuner;

an outputter for outputting the radio frequency television signal modulated by said modulator ~~onto~~ to a video displaying apparatus with tuner;

a searcher for searching ~~a having-no-station~~ an unused channel from among the plurality of channels;

a first setter for setting a frequency of the ~~having-no-station~~ unused channel detected by said searcher to said modulator; and

a presetter for presetting a ~~having-station~~ used channel included in the plurality of channels to said tuner after completing a frequency setting operation by said first setter ~~to said modulator~~.

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Claim 2 (Currently Amended): A video recording/reproducing apparatus with tuner according to claim 1, further comprising:

an instructor for instructing suspension of a presetting operation, which is to be enabled after completing the frequency setting to said modulator operation by said first setter and instruct suspension of presetting; and

a disabler for disabling said presetter in response to an instruction of said instructor.

Claim 3 (Currently Amended): A video recording/reproducing apparatus with tuner according to ~~claims~~ claim 1, wherein said ~~search~~ searcher includes a determiner to determine as ~~to having station/having no station~~ a used/unused status for predetermined channels that should ~~have no station~~ be the unused channel, and

said first setter ~~setting~~ sets a frequency of any one of the predetermined channels based on a result of determination by said determiner.

Claim 4 (Currently Amended): A video recording/reproducing apparatus with tuner according to claim 3, further comprising:

a first displayer for selectively displaying channel numbers of the predetermined channels at a predetermined time interval when each of the predetermined channels is not determined as ~~having no station~~ having the unused status by said determiner;

a selector for selecting any one of the predetermined channels; and

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a second setter for setting a frequency of a channel selected by said selector to said modulator.

Claim 5 (Currently Amended): A video recording/reproducing apparatus with tuner according to claim 4, further comprising a second displayer for displaying a channel number of a frequency having been set in said modulator.

Claim 6 (Currently Amended): A video recording/reproducing apparatus with tuner according to claim 3, further comprising:

a generator for generating a character signal;

a combiner for combining the character signal generated by said generator with the base-band television signal outputted from said tuner; and

a third setter for selectively setting frequencies of the predetermined channels to said modulator at a predetermined time interval.

Claim 7 (Original): A video recording/reproducing apparatus with tuner according to claim 6, further comprising a controller for controlling said generator to generate a character signal related to a frequency having been set by said third setter.

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Claim 8 (Original): A video recording/reproducing apparatus with tuner according to claim 6, further comprising a third displayer for displaying a channel number of a frequency having been set by third setter.